



14th Annual Cold Chain

GDP & TEMPERATURE MANAGEMENT LOGISTICS Summit - **CANADA**

*Join us back
in Toronto*

*And ask
us about early
registration
rates!*

Temperature Control Logistics, Quality & Security Practices For Your Commercial And Clinical Supply Chains

February 29 - March 3, 2016

Hyatt Regency Toronto • Toronto, ON



www.coldchainpharm.com

Dear Life Science Professionals,

We are excited to be back in Toronto for the **14th Cold Chain & Temperature Management Summit** taking place February 29th - March 3rd, 2016.

We have spent the last year researching with industry leaders to gain a better understanding of supply chain challenges impacting your daily operations and processes. This year's program has been carefully designed to address these pressures while providing practical ways to balance compliance, risks and costs.

Temperature control and sensitive handling are fundamental requirements of most life sciences products today. The Canadian Summit will examine the modern cold chain - including all temperature range products and their regulatory requirements. As supply chain complexities continue to increase, the Canadian market is facing costly challenges resulting from **evolving regulations, changing requirements and challenging regional weather conditions.**

We know it can be a demanding journey. Keeping up with constant changes and evolving your operations requires new skills, strong leadership, and collaborative partnerships. Join 275+ industry stakeholders and gain practical strategies and insight into globally compliant operations and projects that are leading the way in ensuring product integrity and patient safety. Working towards an optimized, efficient, cost effective and secure supply chain? We know it's not easy but the opportunity is well worth it. Find answers and new ideas for topics including:

- **Health Canada** - Regulatory updates and industry trends
- **Lane validation & temperature mapping** - Standardization of "risk based controls"
- Proven **cost effective** best practices and case studies
- Implementing effective **thermal packaging solutions**
- USP General Chapter - **Good Distribution Practices**
- Reinforcing your cold chain's **risk management** process
- Cost effective **CRT & ambient** temperature monitoring and control
- Temperature-sensitive **Packaging Design** essentials
- Challenges to becoming **GUI-0069 compliant**
- Designing stability studies to create a **Stability Budget**
- **Data Integrity** - Where does it start and what are the boundaries?
- **Air Freight** - Raising the standard of pharmaceutical logistics
- Temperature-controlled **clinical trial materials (CTMs)** packaging essentials
- Quality **cold chain management** for -20 C and below
- **Shipping qualification, control and monitoring** for global distribution
- **Virtual Supply Chain** for Biotech and cost constrain measures

Join us in 2016 and take full advantage of our interactive sessions & networking opportunities:

- More roundtable discussions than ever have been added to the program - Attendees can directly contribute to the dialogue and address their specific concerns.
- Largest number of sponsor exhibitors - Address all your life science temperature control needs with this one-stop-shop experience!
- Largest event of its kind in Canada - A perfect place to meet industry thought leaders and see familiar faces!

On behalf of the IQPC event team and conference advisory board, we look forward to seeing you in Toronto!!

Sincerely,



Claudia Rubino

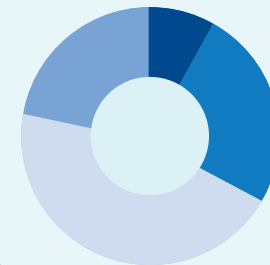
Claudia Rubino
 Divisional Director

2016 SUMMIT HIGHLIGHTS:

- Network and Share Best Practices with **275+ Industry Colleagues** and Supply Chain Stakeholders
- Meet **35+ Exhibitors** Offering the Latest Solutions Available in Canada for Distribution of Quality Control Life Science Products
- Learn from **35+ industry thought leaders**

**ATTENDEE
 SENIORITY**

- 3.2% C-suite
- 4.4% VP-level
- 24% Director-level
- 44% Manager-level
- 21% Engineer, Specialist, etc.



2015 ATTENDEES



55%

of 2015 attendees were new to the event!

The other **45%** are our loyal continued customers

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YOUR WEEK'S SNAPSHOT

MONDAY
FEBRUARY 29

2 PRE-CONFERENCE MASTER CLASSES

Training A: Temperature-Controlled Clinical Trial Materials (CTMs) Packaging & GDP Essentials:

- Thermodynamics, Packaging System Options, Risk Based Approaches Used for Distribution, Temperature Monitoring Device Technologies
- GDP Regulations & Guidance and How They Apply to CTMs, Qualification Versus Validation, Regulatory Requirements for the Security of the CTM Supply Chain, Fundamentals of Quality Agreements, SOP's and Building Relations with All Supply Chain Stakeholders

Training B: GDP - In-Depth Analysis and Comprehensive Overview

- Describe the current regulations covering the drug product supply chain
- Implement a system to meet current requirements
- List the necessary procedures to ensure Good Documentation Practices
- Establish processes to best combat counterfeit drugs and medical devices

TUESDAY
MARCH 1

7 INTERACTIVE WORKSHOPS

Workshop A: Packaging Design Essentials 101

Workshop B: Drug Product Stability Budget

Workshop C: Practical Considerations for Freezing/Preparing PCM's

Workshop D: Pushing What is Possible in Temperature Controlled Logistics

Workshop E: Developing your Temperature Sensitive Logistics Strategy - Supply Chain Mapping & Transport Qualification

Workshop F: Creating a Risk Model for the Development of Passive Shipping Systems: Linking Control and Risk to Total Cost

Workshop G: Practical Cost and Risk Reduction Strategies in Cold Chain Distribution

WEDNESDAY
MARCH 2

MAIN CONFERENCE DAY 1 & EXHIBIT HALL

NETWORKING COCKTAIL RECEPTION



14th Annual Networking Drinks Reception in Exhibition Hall

THURSDAY
MARCH 3

MAIN CONFERENCE DAY 2 & EXHIBIT HALL

10 REASONS TO ATTEND



CREATE YOUR RISK MANAGEMENT AND PROBLEM SOLUTION PLAN

At Cold Chain Canada 2016, Risk Management will be in the spotlight as it gains momentum in the transportation of temperature sensitive products. Learn more about creating or enhancing your own risk assessment and management strategies in order to decrease product damage.



REVIEW YOUR TRANSPORTATION CHOICES

To enhance your company's productivity, you must constantly analyze and justify your transportation decisions. Better understand your modal choices, possibilities and get insights from fellow companies on their Air, Road and Ocean Freight strategies.



UNDERSTAND WHERE THE INDUSTRY IS HEADING

Hear from Health Canada and EU Regulators on latest GDPs and Guide 0069 updates. Participate in the debate and get your questions answered for both Cold Chain and CRT products.



FORGE NEW CONNECTIONS

Cold Chain Canada Summit is the one place where you are guaranteed to meet experts, hear analysis, meet new suppliers, see new products and innovations and network with leaders you won't meet anywhere else!



INFLUENCE THE INDUSTRY

Cold Chain Canada is the meeting point for Leaders from the Life Science companies. Make your voice heard at Cold Chain Canada and make a difference!



GROW YOUR BUSINESS

Spot the very latest opportunities to implement new strategies, overcome specific challenges and find new solutions available to the Canadian market. At Cold Chain Canada you'll come away with genuine opportunities, not just business cards.



BE CREATIVE ON YOUR LAST MILE

A country as big as Canada must keep innovative strategies continuously coming in order to deliver products on time, on budget, and with the quality required by regulators. Hear how your peers are ensuring integrity of temperature sensitive products.



GET INSIGHTS FROM INTERNATIONAL PEERS

Cold Chain Canada's international executive attendance is on the rise. In 2016, you will be joined by fellow leaders from Latin America, Middle East, Europe and the USA. Don't miss this opportunity to learn what other countries are doing to overcome their own challenges.



ADDRESS YOUR TEMPERATURE-CONTROLLED SUPPLY CHAIN CONCERNS

In-depth trainings and interactive session formats are included in this year's program to allow to participants to address their specific logistics, quality, packaging, compliance and security challenges.



LEARN ABOUT THE INDUSTRY'S LATEST SERVICE & TECHNOLOGY INNOVATIONS

With ever evolving supply chain requirements and cost pressures, finding the right solutions for specific supply chain needs has become an integral part of life science manufacturer's strategies. Join us in Toronto for the largest gathering of temperature-controlled solutions for the Canadian market.

WE ARE BACK IN TORONTO! WHY?

- The Toronto/Ontario biotech cluster is the **largest in Canada with 163 companies**
- **Nearly 50 global pharmaceutical and biotechnology companies** have their Canadian headquarters in the Toronto region
- Toronto is positioned in the **middle of the newly formed Québec-Ontario Life Sciences Corridor** - the second largest life sciences cluster in North America
- Canada is the **second largest nation** in the world for biotech with more than 583 companies



** Toronto.ca

Don't miss the chance to network at the largest Canadian event addressing quality distribution & management of temperature controlled medicines in Canada. The industry's top choice for best practice discussions and to see some familiar faces!



YOUR SPEAKERS, ADVISORY BOARD MEMBERS, TOPIC CHAMPIONS & EVENT TEAM

2016 SPEAKER HIGHLIGHTS: KEYNOTES, INDUSTRY EXPERTS & YOUR PEERS



KEYNOTE

Anthony Lostracco
Compliance Specialist
Health Canada



KEYNOTE

Ian Holloway
Senior GMP Inspector
MHRA



Dan Bell
Vice President of Regulatory
Compliance and Technical
Affairs
MARKEN



Rania Al-Amman
Regional Director,
Commercial Quality
Hospira, a Pfizer company



Mary Foster
Chair, Packaging
and Storage Expert
Committee
United States
Pharmacopeia
**United States
Pharmacopeia**



Luiz Alberto Barberini
External Manufacturing
Organization Latin America
Bayer Consumer Care



Reza Shojaei
Quality Systems Manager,
Canadian Plasma Resources
Exapharma



Natasha Harper, APFF,
CCS, CTCS
Transport and Customs
Specialist
Sandoz Canada Inc.



Paddy Hanlon
Vice President, Commercial
Operations
MARKEN



Kai Goellner
Product Development
Engineer
Pelican BioThermal



Lisa R. Ray
Distribution CoE and
Process Ownership
Eli Lilly and Company



Tarek Kilani
Head of Pharmacy &
Continuing Medical
Education Coordinator
**Emirates French
Hospital**



Mandy Vanderslot
Project Leader, Global
Supply Operations
Apotex



Jean Bédard
President & CEO
Infitrak Inc.



Claude Jolicoeur
Director of Regulatory
Affairs, Corporate GMP
Officer
McKesson Canada Corp



Irina Burcescu,
Director, Regulatory &
Supply Chain
**Shoppers Drug Mart
- Specialty Health
Network**



Paul Derksen
Senior Project Manager
Canadian Blood Services



Jim Bacon
Former Senior Director,
Grifols Demand Planning
& International Customer
Operations - US Office
Grifols, Inc.



Ronald Schaefer
Project Lead, CEIV Pharma
IATA



Rafik H. Bishara, Ph.D.
Technical Advisor, and
former Director, Quality
Knowledge Management
and Technical Support
Eli Lilly and Company



Shamilla Gounder
Manager, Quality &
Compliance
Sunovion Pharmaceuticals



Steven Jacobs
President
**Global BioPharm
Solutions, LLC**

SPECIAL THANKS TO OUR DEDICATED ADVISORY BOARD



Jim Bacon
Former Senior Director,
Global Demand Planning
and Customer Operations
Grifols



Eric Malouin, Eng., B.Sc,
CCS
Manager, International
Customs & Traffic
Abbott Canada



Rich Ellinger
CEO
**Intelligent Thermal
Solutions**



Claude Jolicoeur
Director, Regulatory Affairs,
Corporate GMP Officer
McKesson Canada



Paul Saratsiotis
Business Development
Manager
World Courier Canada



Mary Foster
Chair, Packaging
and Storage Expert
Committee
**United States
Pharmacopeia**



Courtney Becker-James
Director, Strategic Marketing
ELPRO Services, Inc

MEET THE EVENT TEAM



Claudia Rubino
Content Curator &
Divisional Director



Priscilla Regis
Operations
Director



Jeffrey Gandolfo
Sponsorship
Director



Michael Ringo,
Registration
Manager,



Molly Alexander
Events
Coordinator



Hannah Hager,
Online Content
Director



Lauren Miller
Marketing Manager -
Cold Chain Portfolio



Teneyke Smith
Sponsorship
Director



Simon Copcutt
Sponsorship
Director



Amanda Terrell
Events
Coordinator



Sara Schmalz
Events Manager



Ayesha Singh,
Marketing
Assistant



PRE-CONFERENCE MASTER CLASS

Monday – February 29th, 2016 • 9:00am – 5:00pm • Please Choose Training A or B



LIMITED SPACING!
REGISTRATIONS ARE ON A FIRST COME FIRST SERVED BASIS**

ALL DAY IN-DEPTH TRAINING

MASTER CLASS A: Temperature-Controlled Clinical Trial Materials (CTMs) Packaging Essentials & GDP Essentials

8:30 am - Registration & Breakfast

9:00am

PART 1: Temperature-Controlled Clinical Trial Materials (CTMs) Packaging Essentials: An Introduction to Thermodynamics, Packaging System Options, Risk Based Approaches Used for Distribution, An introduction to GDP Regulations & Guidance and How They Apply to CTMs, Qualification Versus Validation, Fundamentals of Quality Agreements, SOP's and Building Relations with All Supply Chain Stakeholders and How To Apply It In Your Day to Day Operations

An Introduction to Thermodynamics

Understand the methods and implications of heat transfer and how it is exploited in the design of CTM shipping systems

- Defining heat and types of heat transfer
- Heat vs. temperature. No, they are not the same thing!
- The critical importance of phase changes: solid, liquid, gas, and plasma
- How frozen is frozen? How long does it take to freeze a gel pack? Economics of freezing gel packs?
- Important principles of heat transfer in insulated packaging systems

Identifying the differences between types of packaging materials, systems, their performance, applications and costs

- Defining insulation materials
- Active systems and technologies explained and applied
- Passive packaging technology explained and applied
- The difference between package qualification and shipping validation
- My package is qualified but fails in the field. What happened and why?

Risk Based Shipping & Distribution of CTMs

Understanding the variables in the shipping & distribution and developing a risk based approach to avoiding Out of Specification (OOS) results

- What are the points along shipping lanes that temperature control could fail
- Identifying a risk assessment tool that can guide us through the level of control to build into the system
- Everything you need to know about how customs clearance could be your biggest risk
- How product stability affects package design



Trainer: Steven Jacobs
President
Global BioPharm Solutions, LLC

Part 2: GDP Essentials: An introduction to GDP Regulations & Guidance and How They Apply to CTMs, Qualification Versus Validation, Regulatory Requirements for the Security of the CTM Supply Chain, Fundamentals of Quality Agreements, SOP's and Building Relations with All Supply Chain Stakeholders

GDP regulations and CTM distribution requirements

- An examination of current GDP regulations, their impact and application
- The new EU GDP regulations two years later
- What regulators are focusing on during CTM GDP compliance audits and inspections

The role of Quality Management Systems (QMS), SOPs, Quality Agreements and building & maintaining great working relationships between sponsor companies and their vendor-partners

- Building Quality Agreements and SOP's to ensure correct handling practices within your organization and within your supplier's
- What's a good distribution Quality Agreement look like
- Developing key performance indicators (KPI's) for CTM distribution
- Building relations and trust between sponsor companies and their vendor partners to insure high performance

Putting it All Together

An interactive exercise where you are given the CTM type, list of countries, time of year, conditions of shipments, vehicles being used for transport and teams put together

- A list of everything required to ensure you're compliant with all GDP guidelines
- A map of each choke point or OOS threat along the distribution supply chain
- A plan to use qualified components or validated supply processes or both
- A way to improve relations, communication, collaboration and trust between the sponsor company and vendor partners at each stage of the supply chain
- A list of all the distribution supply chain points that could jeopardize the CTM required storage condition
- A risk based approach to getting all your shipments delivered to all your depots and sites with no OOS results
- The pack-out design you would use to get the job done "right first time"

MASTER CLASS B: GDP – In-Depth Analysis and Comprehensive Overview

8:30 am - Registration & Breakfast

Learning Objectives -Upon Completion of this course, you will be able to:

1. Describe the current regulations covering the drug product supply chain
2. Implement a system to meet current requirements
3. List the necessary procedures to ensure Good Documentation Practices
4. Establish processes to best combat counterfeit drugs and medical devices

8:30-10:00: Supply Chain Quality Management System (GDP QMS)

- Roles, responsibilities and Risks
- Fundamental Make-Up of the GDP QMS
- How-To Implement GDP QMS
- Effectiveness Evaluation Process

Exercise: Complete a Mental Audit test of your current process and end with a score which will provide you an understanding of current state.

10:30-12:00: Developing a Supply Chain Strategy

- Supply Chain Process Mapping
- Logistics Process: Containers, Monitoring & the
- Supply Chain Business
- Special Handling Products: Biologics; Clinical
- Trial Materials; Narcotics

Exercise: Why is High Quality so hard to attain? We will discuss quality issues in the supply chain business while reviewing strategic supply chain programs. We will call out products that have special handling requirements compared to controlled room temperature stored products and end with a standard metrics program to ensure supply chain distribution compliance.

12:00-1:30 Lunch Discussion: Current Regulatory Guidance

1:30-3:00 Supply Chain Temperature Issues

- Stability Budgets & Distribution
- The GDP Investigation Process
- How to Use Mean Kinetic Temperature (MKT)

Exercise: We will cover investigation techniques that work for temperature excursions and work through a MKT example

3:30-5:00 World Wide Regulatory Review of Supply Chain Requirements

- Overview of Regulatory Guidance's
- Agency Observations & Trends
- One Global GDP Document – Where is it now?

Exercise: Provide your recommendations on where regulators should go next



Trainer: Mary Foster
Chair, Packaging and Storage Expert Committee
United States Pharmacopeia



PRE-CONFERENCE WORKSHOPS

Tuesday - March 1st, 2016 • 8:00am - 6:00pm • Please Choose Intermediary or Advanced Workshops

INTERMEDIARY: Workshop A applies to all executives. Workshops A,C,E & G have been developed to address industry concerns and challenges for Associates, Managers, Coordinators, Packaging Engineers and Specialists

ADVANCED: Workshop A applies to all executives. Workshops B,D,F & E have been developed to address industry concerns and challenges for Managers with global or regional responsibilities, Directors, Senior Directors, Senior Engineers and Heads of Supply Chain

8:00am **Registration – Workshops A&B**

8:00am – 10:30am

WORKSHOP A

Packaging Design Essentials 101

Join us to review packaging fundamentals and gain a better understanding of related industry best practices and packaging technologies.

What you will Learn:

- Identify the differences between types of packaging materials and systems
- Review packaging materials and systems - Performance, applications and costs
- Implement a risk based approach - Identifying a risk assessment tool that can guide your organization through the level of control to build into the system
- Gain a better understanding of how product stability affects package design
- Review Quality Agreements and SOP fundamentals
- Find the right partner and build stronger relations with all supply chain stakeholders

How you will Benefit:

- Better understanding of Active and Passive packaging technology and its potential
- Clarify the difference between package qualification and shipping validation
- Avoid package failures in the field and review common case study examples to learn from others mistakes
- Interactive excise to further develop packaging design skills
- Implement best practices for Quality Agreements and SOPs within your organization

WORKSHOP B

Drug Product Stability Budget

Join us to learn about the concept of Stability Budget and gain better understanding of its implementation for handling, storage and distribution of temperature controlled (bio)pharmaceuticals. What you will Learn:

- How long can a pharmaceutical product be exposed to temperatures outside the recommended storage conditions
- How can product discard be prevented in cases of temperature excursions
- How to establish and manage the allowed time out of storage of a (bio)pharmaceutical product
- The science behind the establishment of a stability budget for products that need to be maintained under controlled temperature conditions
- How may stability budget be implemented for good distribution practices (GDP)

How you will Benefit:

- Better understanding of the implementation of chemical and physical stability properties of the product
- The use of product stability results in the presence of temperature excursions to make data based quality decision(s)
- How to manage the product stability budget in the (bio)pharmaceutical supply chain and GDP
- Establishment of a stability budget that allocates time out of storage (TOS) to distribution activities and how its implementation could help to support temperature excursions within any step in the supply chain, thus, eliminating unnecessary discards
- Implementing industry best practices for stability testing to support distribution of (bio) pharmaceuticals

Rafik H. Bishara, Ph.D., Technical Advisor, and former Director, Quality Knowledge Management and Technical Support, **Eli Lilly and Company**

10:45am **Registration – Workshops C&D**

11:00am- 1:00pm

WORKSHOP C

Best Practice Approach for Risk Assessment & Management for your Temperature Controlled Supply Chain and Products

Through appropriate management of the risks involved in temperature control distribution, organizations are now able to make risk-based decisions. This approach can have a direct impact on the quality, safety and efficacy of products as well as reduce risk and provide better insight to the distribution process. Join us to gain a best practice approach to risk assessment and management.

WORKSHOP D

Pushing What is Possible in Temperature Controlled Logistics

The world of Temperature Controlled Transportation is constantly changing: new regulations, innovative technologies and stronger business constraints constantly challenge healthcare shippers to revisit and improve their long established cold chain practices and invent more effective solutions to transport their temperature sensitive goods. This workshop focuses on some of the most promising ideas and solutions from the perspective of UPS Cold Chain Experts.

Workshop C&D continued on next page

What you will learn:

- Maintain product quality, safety and efficacy by preventing product adulteration, counterfeiting, theft, and diversion
- Identifying risk sources for your supply chain and products
- Identifying the critical stages in temperature controlled distribution management
- Risk management for Temperature Controlled Distribution - Technical Report 58
- Adapting a best practice approach to mitigate the lack of industry standards to execute a risk assessment for temperature controlled distribution
- Control risks in temperature controlled distribution for shipper, LSP, carrier and customer
- Risk Control and understanding residual risk
- Improving the effectiveness of your current processes

What you will Learn:

- How to build and maintain a Quality Management System compliant with the latest GDP regulations
- How to improve the quality of executions and minimize excursions
- How to successfully adapt your cold chain processes to new demands (CRT / Cryogenic), New Markets (Brazil / Saudi Arabia), New Modes (Ocean Freight)
- How to leverage synergies between packaging and transportation
- Our most recent thoughts about the future of Transportation and Cold Chain

How you will Benefit:

- You will be exposed to real life cold chain best practices developed by peer healthcare companies around the world
- You will develop a better understanding of cold chain processes from a forwarder's perspective and how to best leverage them
- You will discover new ideas in terms of CRT transportation / Risk Mitigation
- You will discuss and assess what makes the best cold chains in the current competitive environment

Tim Fosnough, Global Director, Freight Forwarding – Healthcare, **UPS**

Wanis Kabbaj, Director, Global Strategy, Healthcare Logistics, **UPS**

1:15pm

Registration – Workshops E&F

1:30pm –
3:30pm

WORKSHOP E

Developing your Temperature Sensitive Logistics Strategy - Supply Chain Mapping & Transport Qualification

The number of new complications and eroding obstacles to the many facets of the supply chain will continue to grow along with the industry. Combating these challenges and formulating cost efficient and practical solutions will continue to be a top priority. Today's complex global supply chain requires firm understanding of logistical planning and global regulatory requirements.

What you will Learn:

- Discuss roles and responsibilities
- Determine the strengths and weaknesses of transportation routes and shipping lanes
- Analyzing of your temperature controlled products and their requirements
- Strategy for Single & Multicriteria Shipping
- Explore your questions about Transport Performance Qualification (PQ) and how it works
- Risk Management in the supply chain through Critical Control Point analysis, mitigation and contingency planning
- Track and analyze the right supply chain data
- Logistics considerations for high value products

How you will Benefit:

- Best practices and tools to help organizations realize improvements with easy implementation processes
- Reduced excursion rate for the shipments, reduced loss of product, fewer delays, and more predictable delivery

WORKSHOP F

Cost-Effective Strategies to Accelerate your Company's Movement from Lot-Level Identification to Serialization to Electronic Data Transfer in Time for 2017, 2019 and 2023 DSCSA Deadlines

Pharmaceutical manufacturers, distributors and dispensers are all at different stages in preparing for the upcoming 2017, 2019 and 2023 deadlines to comply with the traceability requirements of the Drug Supply Chain Security Act (DSCSA). Small to mid-size companies are especially hard-pressed, as implementing the required traceability upgrades comes as an added burden to everyday operations. On the other end of the spectrum, large, multi-national companies are racing to ensure that their multiple production lines are all ready for serialization and traceability before the fast-approaching deadlines arrive. Regardless of where your company finds itself in the implementation timeline, you'll benefit from this detailed workshop on how you can streamline your compliance strategy and save money doing so.

What you will learn:

- Break down and analyze your compliance timeline from now through 2023 to identify key areas of needed improvement
- Communicate effectively with your trading partners to ensure a smooth transfer of serialization data throughout the supply chain
- Learn from essential case studies and pilot programs that answer some of your most pressing questions

Workshop E&F continued on next page

PRE-CONFERENCE WORKSHOPS Continued

- Qualify shipping lanes scheduled to travel the same routes multiple times for significant benefits - Discuss how data truly impacts your supply chain logistics
- Discover the benefits of Transport Qualification
- Design your packaging for specific products traveling in specific lanes

- Conduct crucial cost-benefit analyses when choosing third-party solution providers to upgrade your production lines

How you will benefit:

- Benchmark your implementation progress against that of your peers
- Identify the bottlenecks that are slowing your implementation
- Avoid wasting money on superfluous and/or incompatible equipment

3:45pm **Registration – Workshop G**

4:00pm –
6:00pm

WORKSHOP G

The Partnering Strategy – The Core Team Approach Revisited

In this workshop we'll discuss the barriers that create indecision in your internal Cold Chain Strategy and review a proven best practice to create collaboration within and external to your organization. Balancing your requirements and the capabilities of the supplier or service provider with the increasing regulatory requirements requires focus, alignment and engagement. We'll have an interactive discussion of your successes and challenges to help you develop a custom strategy that encourages transparency and generates an innovative environment of continuous improvement.

What you will learn:

- Develop collaborative relationships, both internal and external
- Identifying the Trust / Competency factors of Partner Providers
- Taking a lead role in the decision process by having a well-defined set of criteria
- Building the Core Team – using the team to create flexibility, discipline, and balance
- Ownership and accountability during development, testing / approval, and execution
- Key drivers that define success

How you will benefit:

- Become a Client of Choice – drive the success that you define
- Becoming the Ideal Partner – focusing people, process, products and services
- How to assess risk and indifference in potential solutions and relationships
- Using the Core Team to jointly develop and create solutions
- Develop meaningful KPI's that drive innovation and continuous improvement
- Creating your action steps for success

Jim Bacon, Former Senior Director, Demand Planning & International Customer Operations - US Office, **Grifols, Inc.**

Thanks to our Media Partners



An international resource center for the temperature control life science professional, Cold Chain IQ delivers insightful, unbiased information about today's 'hot topics'. Our 13,000+ members benefit by reading expert analysis, trend-setting articles, listening to interviews, watching video features and top-rated presentations from IQPC's global temperature control supply chain event series. Cold Chain IQ focuses on all areas of temperature controlled logistics, distribution and quality in pharmaceuticals and biotechnology. Cold Chain IQ, part of IQPC, maintains the largest cool chain pharmaceutical international database, offering strategic partners, members and contributors an unparalleled opportunity to network, share ideas and disseminate best practice information across the globe with peers. To receive our newsletter and download our latest whitepapers articles and interviews please visit www.ColdChainIQ.com.



Benefits of Attending as a Team

By splitting up among different sessions, roundtables, workshops and tracks, you will **MAXIMIZE THE VALUE OF YOUR COMPANY'S RETURN ON INVESTMENT.** It's a great opportunity for team building, motivating and learning together. At the Cold Chain Canada Summit you can:

- ✓ Split up and meet different topic champions during our meet-ups
- ✓ Collaborate and develop take-away action plans
- ✓ Meet with the vendors in our expo hall - and "tag team" them with your questions
- ✓ Attend different track sessions, compare notes and maximize your learning experience
- ✓ Spend a week bonding and sharing ideas
- ✓ Listen to sessions focused on team projects and leadership and get new ideas for your own teams
- ✓ Take advantage of the 2 master-classes and 8 workshops - attend the same one, or split up - you can't go wrong either way



ATTENDING AS A TEAM = BIG \$\$\$ SAVINGS!!

Group of 2 10% OFF early bird rate		
Group of 3-4 15% OFF early bird rate	Group of 5 20% OFF early bird rate	Group of 6-9 30% OFF early bird rate

*End Users only (life science manufacturers)

63% OF ATTENDEES are coming with multiple team members! Make the most out of your time in Boston, attend all of the multiple track sessions, and bring the most information you can back to your organization.

"Rich in information and knowledge. A great networking tool."
- Customer Service & Logistics Manager; Vetoquinol

"First-timer. Great topics with a lot of information."
- Customer Service & Logistics Manager; Vetoquinol

"Very informative. Very comprehensive."
- Quality Assurance Manager; Actavis

"Excellent range/mix of attendees and speakers from all aspects of the supply chain in USA & Canada, and countries across the globe."
- President & CEO; QSM+D Inc.

"Outstanding slate of speakers with many years of knowledge shared."
- Chief Operating Officer; K.L. Haring Transportation

"It is always reassuring to see that we are facing the same realities."
- Logistics Coordinator; Vetoquinol

"Great interactive discussion groups."
- CMO Logistics Manager; Galderma Production

"Fantastic event with great speakers covering relevant topics. Well-rounded group of industry leaders. Thank you!"
- Manager, Customer Logistics; Johnson & Johnson



MAIN CONFERENCE DAY ONE

Wednesday - March 2nd, 2016

8:00am **Coffee and Networking in Exhibition Hall**

8:45am **Welcome Remarks by IQPC**

8:50am **Chair Opening Remarks**

9:00am **KEYNOTE: Health Canada's Strategy for the Pharma Supply Chain**

- Health Canada's Strategy for the Pharma Supply Chain
- Regulation trends for upcoming years
- Packing, storing and distributing APIs
- Health Canada's take on Serialization and Traceability and how it impacts Cold Chain Management
- Q&A session

Anthony Lostracco, Compliance Specialist, **Health Canada**

9:45am **KEYNOTE: European GMP/GDP Updates & Experiences and Trends from the Real World**

- GMP updates
- GDP Updates
- New Annex 16 and impact on samples, testing and release
- Risk Assessment, Evaluation and Mitigation for transportation
- GDP inspections – Audit Expectations, examples and ways to mitigate the most common challenges

Ian Holloway, Senior GMP Inspector, **MHRA**

10:00am **Morning Networking Break**

Join your peers to browse the 2016 Solution Hall where you'll be able to find all the latest packaging/ container, transportation, logistics, temperature monitoring, security and data management solutions. The ideal place to meet existing and new partners.

10:45am **Ensure Compliance with Guide-0069 Throughout a Complex Distribution Model and a Wide Range of Products**

- Complex global supply chain routes and control of inbound shipments
- Challenges faced with direct shipments to remote hospital facilities
- Different approaches to ensure compliance of the last mile
- Ensuring control while outsourcing distribution activities
- Finding the balance between cost effectiveness and compliance of CRT drugs

Rania Al-Ammar, Regional Director, Commercial Quality, **Hospira, a Pfizer company**

11:30am **Ambient/CRT Supply Chain Challenges - Transportation Vs. Packaging Validation Strategy for the Canadian Market**

- Understanding the Canadian environmental landscape
- Ambient pack-out validation approach
- Ambient pack-out challenges and lessons learned
- Validating transportation lanes and Understanding the results
- Finding a transportation solution from the results
- Building trust with manufacturer for sharing allowable excursion
- Transportation Vs. Packaging: Challenges, benefits and key considerations

Irina Burcescu, Director, Regulatory & Supply Chain, **Shoppers Drug Mart - Specialty Health Network**
Claude Jolicoeur, Director of Regulatory Affairs, Corporate GMP Officer, **McKesson Canada Corp.**

12:15pm **Networking Lunch – Bring Your Business Cards!**

CONCURRENT TRACKS BEGIN

TRACK A

1:20pm

Clinical Trial Case Study; Non-Product Specific Qualification of Shipping Containers

- Four insulated shipping containers were qualified based on the range of clinical trial package sizes and order volumes of materials requiring 2°C to 8°C temperature controls during distribution to clinical sites.
- During qualification these shippers were packed in minimum and maximum load configurations and each configuration exposed to warm and cold ambient temperature profiles to evaluate their capability.
- Upon Implementation in the Clinical Trial Distribution Network, these shippers provide:
 - Enhanced payload protection/patient safety
 - Improved customer satisfaction
 - Environmental stewardship
 - Consistent global packaging footprint
 - Cost savings
- Improvements to a next generation model for 2°C to 8°C shipments and use of similar technology for 15°C to 25°C shipments are currently under investigation

Lisa R. Ray, Distribution CoE and Process Ownership, **Eli Lilly and Company**

TRACK B

Give a Voice to your Most Critical Shipments - Leveraging the Latest Technology to Meet the Changing Compliance Challenges of the Pharma Supply Chain

- Examine the new clinical trial directive, Annex 15, Chapter 6 and the impact it will have on the pharmaceutical supply chain
- How shipping verification can help guarantee the safe delivery of your drug shipment
- What tracking choices does the industry have and are there systems uniquely qualified for the clinical trials industry?
- Add a GPS tracking device on key shipments to stay one step ahead

Paddy Hanlon, Vice President, Commercial Operations, **MARKEN**

Dan Bell, Vice President of Regulatory Compliance and Technical Affairs, **MARKEN**

MAIN CONFERENCE DAY ONE Continued

2:00pm **Session Transition**

2:05pm **Creating a Strategy for Shipping Qualification, Control and Monitoring for Global Distribution of Temperature Controlled Products**

- Initial Gap and Risk Assessment of Shipping Routes
- Risk Assessment to Maintaining Compliance of Routes
- Methods to Reduce Risk of Failure for Controlled Room Temperature & Controlled Cold Temperature Products during Distribution
- Qualification of Routes and Continuous Monitoring
- Review of Temperature Data – What does MKT, Min and Max mean and how do we use with Stability Studies?

Mandy Vanderslot, Project Leader, Supply Chain Realization, **APOTEX**

Good Packaging Design and Validation Practice for Seasonal Canadian Packaging System

- Transportation Process Assessment, Risk Management
- Right choice of temperature profiles
- URS, FRS, DQ/IQ/OQ/PQ
- Two profiles per season instead of one extreme
- Decision matrix to chose the right system according to outside temperature
- Preventive maintenance program
- Temperature controlled transport or Single or reusable system

Jean Bédard, President & CEO, **Infitrak Inc.**

2:45pm **Afternoon Networking Break**

3:30pm **Case Study Follow Up, One Year In - Effectively Benefitting from Ocean Freight**

- Port congestion strategies
- Incorporating ocean freight on your intermodal strategy
- Infrastructure issues to handle time- and temperature-sensitive commodities
- Port-centric warehousing approach
- Thawing frozen products prior to arrival at the port
- Cold Chain Vs. CRT products – challenges and considerations

Natasha Harper, **APFF**, **CCS**, **CTCS**, Transport and Customs Specialist, **Sandoz Canada Inc.**

Partnerships at Work – Case Studies in Collaboration

In this session we'll take a look at real life success stories of the Partnering Strategy, a best practice of collaboration in the cold chain. We'll review;

- Key principles of cold chain strategy and partner collaboration
- Establishing the client set of criteria
- What makes a partner ideal?
- Real life success stories and lessons learned
- Key Drivers that define success
- Defining your next steps

Jim Bacon, Former Sr. Director, Demand Planning & International Customer Operations - US Office, **Grifols, Inc.**

4:15pm **Session Transition**

4:20pm **USP General Chapter: Good Distribution Practices**

- Latest Update on The Global Process for 1 Standard GDP Guidance
- Find out what the USP, WHO, EU, FDA and other regulatory agencies have worked on together
- Learn about the current USP Sub-Chapter process and which subjects are next to undergo development

Mary Foster, Chair, Packaging and Storage Expert Committee, **United States Pharmacopeia**

5:05pm **End of Conference Day 1**

5:15pm - 7:30pm **14th Annual Networking Drinks Reception in Exhibition Hall**

Join your peers to browse of the 2016 Solution Hall where you'll be able to find all the latest packaging/container, transportation, logistics, temperature monitoring and data management solutions. The ideal place to meet existing and new partners!





MAIN CONFERENCE DAY TWO

Thursday – March 3rd, 2016

8:00am **Coffee and Networking in Exhibition Hall**

8:50am **Opening Remarks by Chairman**

9:00am **Increasing Productivity and Overcoming Infrastructure Challenges Through Third Party Relationship Management**

- Infrastructure challenges – a common enemy for the Brazilian and the Canadian cold chain
- Turning suppliers into partners
- Engaging vs. Commitment
- Third Party relationship monitoring models and techniques
- Developing new partners and becoming a trusted client
- How Relationship Management can effectively reduce production costs
- Managing third party operations as a virtual supply chain

Luiz Alberto Barberini, External Manufacturing Organization Latin America, Bayer Consumer Care

9:45am **Developing and Successfully Implementing Effective Thermal Packaging Solutions**

- Vendor selection
- Partnering with a vendor in the design, development and testing of insulated shipping containers
- Planning for a successful implementation
- Managing change within your organization and with customers

Paul Derksen, Sr. Project Manager, **CANADIAN BLOOD SERVICE**
Kai Goellner, Product Development Engineer, **Pelican BioThermal**

10:30am **Morning Networking Demo Drives & Networking Break In The Exhibit Hall**

Join your peers to browse the 2016 Solution Hall where you'll be able to find all the latest in technology, implementation, advisory and analytics solutions. The ideal place to meet existing and new partners.

INTERACTIVE IN-DEPTH DISCUSSION LOUNGES

Choose from the listed roundtables and participate in a lively discussion. Select your discussion topic and join in to hear from leading industry experts

11:15am-12:05pm

COLD CHAIN MANAGEMENT

Minimizing the Impact of Harsh Winters While Keeping Costs Under Control

CRT PRODUCTS

Practical Use and Strategies - Ambient Temperature Profiling

EXTERNAL & INTERNAL AUDITS

Qualification of Thermal Shipping Systems to Meet Global Health Authority Requirements

TEMPERATURE CONTROLLED PACKAGING

Examining Packaging Options in a Timely Manner and Based on your Logistics Needs: Innovative, Sustainable and/or Cost savings

11:15am-12:05pm

COMPLIANCE

Challenges to Becoming GUI-0069 Compliant

Moderator: **Shamilla Gounder**, Manager, Quality & Compliance, **Sunovion Pharmaceuticals**

QUALITY PRINCIPALS

Stability Budget and the GDP - Creating and Using a "Stability Budget" for Your Handling, Storage and Shipping Processes

Rafik H. Bishara, Ph.D., Technical Advisor, and former Director, Quality Knowledge Management and Technical Support, **Eli Lilly and Company**

SERIALIZATION & TRACEABILITY

Building Upon the GS1 Standards for Serialization; An Update of the State of the Industry and How to Pave the Way for Your Company's Global Compliance Efforts

RISK MANAGEMENT

A Risk Assessment Approach Based on Lanes and Products - What is the Best Solution for a Given Product?

12:55pm **Networking Lunch in the Exhibit Hall, Annual Prize Drawing**

2:00pm

GDP STANDARDS
ISTA Processes & Standards for Pharma GDP

- ISTA Standard 20 & ISTA test standards for all hazards of distribution
- ISTA's Responsible Packaging by Design (RPbD) Guide

Eric Hiser, Vice President of Technical, **International Safe Transit Association (ISTA)**

PACKAGING
Benefiting from Experience & Lessons Learned - Pack-out Qualification Study

Irina Burcescu, Director, Regulatory & Supply Chain, **Shoppers Drug Mart - Specialty Health Network**

MONITORING TECHNOLOGIES
Monitoring Supply Chain Condition and Logistics Across Land, Sea, and Air

2:55pm **-20 C and Below Cold Chain Management: Strategies to Expand Businesses with the Lack of Qualified Suppliers**

- Domestic and international transportation and storage: Health Canada, FDA and EU regulations
- Dealing with shortage of GMP-qualified suppliers for transportation and external storage
- Creating a contingency plan for -20C and below products transportation and storage
- Proper packaging and temperature monitoring
- Vendor qualification procedures
- Effectively expanding a business with few suppliers to support the operation

Reza Shojaei, Quality Systems Manager, **Canadian Plasma Resources - Exapharma**

3:40pm **Afternoon Networking Demo Drives & Networking Break In The Exhibit Hall**

4:05pm **CEIV Pharma: Raising the Standard of Pharmaceutical Logistics**

For years IATA has been collaborating with supply chain stakeholders to understand and define industry-wide standard requirements for temperature sensitive pharmaceutical products via air. Transporting healthcare products by air needs the establishment of complex logistical methods to maintain shipment's integrity. It requires specific equipment, storage facilities, harmonized handling procedures and, above all, strong cooperation among the cold chain partners. IATA's newly created CEIV Pharma program aims at addressing these challenges experienced by airlines, ground handlers and airports, pharmaceutical companies and freight forwarders. The program is a concerted effort to improve the level of competency, operational and technical preparedness. It focuses on assessing and validating knowledge, facilities, and processes, as well

as training stakeholders and recognizing compliance. At the end of this presentation the participant will:

- Understand what are the risks and the potential gaps along the cold chain
- Hear about practical solutions IATA proposed to the industry by means of certification and how they will improve the handling of pharmaceuticals in the air cargo environment in compliance with the regulations
- See the benefits for organizations that would volunteer for such validations.
- Learn about the BRU Airport CEIV Community Approach
- See how the CEIV Pharma program fits with the BRU Pharmaceutical Project
- Understand why Brussels Airport has picked a community approach
- Hear about the scope of the CEIV Pharmaceutical project in BRU
- Learn about the benefits for the entities involved, BRU airport and Belgium
- Be able to provide your input and constructive feedback on the solution that IATA is proposing and implementing

Ronald Schaefer, Project Lead, CEIV Pharma, **IATA**

4:50pm **A Pharmacist's Perspective on Vaccine Cold Chain & Logistics**

- Key challenges facing vaccine distribution
- The Pharmacist's role in maintaining the cold chain
- Logistics management and equipment needed to support the cold chain
- Contingency Plan: Procedures that must be followed if the cold chain is broken

Dr. Tarek Kilani, Head of Pharmacy & Continuing Medical Education Coordinator, **EMIRATES FRENCH HOSPITAL**

5:35pm **Close of Conference**



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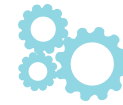


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ABOUT OUR SPONSORS

American Aerogel
Insulated Packaging Solutions
American Aerogel
Website: www.americanaerogel.com

American Aerogel provides life science companies with insulated shipping containers for the protection of temperature-sensitive payloads. Our patented product, Aerocore® VIP, allows customers to ship larger payloads, with less coolant, in smaller containers, and over a longer period of time. We also operate ISTA-certified and authorized testing equipment, allowing us to pre-qualify shipping solutions for our customers and to offer testing services for any other shipping solutions. When the integrity of your product matters most, choose American Aerogel.

ATS Healthcare
Website: www.atshhealthcare.ca

ATS Healthcare is the most dedicated and reputable provider in Canada's temperature controlled healthcare transportation industry. Healthcare and cosmetic manufacturers, wholesalers and their customers appreciate our reliable end-to-end solutions to their temperature management, security and other shipping requirements. Our standards are the highest, complying with Health Canada guidelines for the transportation of temperature sensitive products such as pharmaceuticals, cosmetics, medical devices and over-the-counter products. SNC Lavalin Pharma has recognized and can attest to our high standards through the qualification of our systems and procedures. In combination with 24/7 tracking, data capture and retention, our nationwide network of temperature managed facilities and the highest level of security, ATS provides shippers a clean, efficient and committed healthcare.

Berlinger
feel safe
Berlinger
Website: www.berlinger.com

Are you looking for a better way to manage your temperature data? Do you want the data presented in ways that help you make informed decisions fast? Do you want to avoid outrageous monthly service fees and data analysis charges? Wouldn't you save hours or days with a unified database that allows you to manage temperature excursions in a Part 11 environment and a complete audit trail? The Smartview data management system from Berlinger will do all of this and more. Ask a Berlinger representative how Smartview can fix your daunting database problems. Remember our award winning CLM doc family of data loggers and Q-tag® indicators for gathering reliable data. Experience the power of control Info.us@berlinger.ch www.berlinger.com/smartview.

Biocair
Website: www.biocair.com

Biocair provides specialist logistics services to the pharma, biotech and life sciences communities. We cover every aspect of the shipping process, providing you with comprehensive and convenient global transportation solutions. Our constantly developing range of solutions suits material of every type and nature and provides you with both choice and value. Whether you require shipments to routine destinations or challenging environments, we take care of every last detail to provide you with total peace of mind. For more information or to talk your requirements through with an experienced customer service representative, please contact your local office or stop by our booth today.

CEDARLANE
Website: www.cedarlane.ca

CEDARLANE is an ISO 9001:2008 and ISO 13485:2003 registered privately held Canadian Corporation. CEDARLANE SHIPPING SUPPLIES was established as a response to the growing need for temperature sensitive shipping supplies within the biotech and food service industries. We offer a complete line of engineered climate control products for storage and transportation of perishable and time sensitive goods. Specialties are gel & foam ice packs, Styrofoam insulated shipping cartons and expanded polystyrene (EPS) insulated shipping cartons, offering you everything you need to make sure your important shipments arrive in good standing, every time. Cedarlane Shipping Supplies - Got Your Temperature Under Control?

Coldbox Builders
Website: www.coldboxbuilders.ca

Linking design and construction through accountability and single sourcing, Coldbox Builders' approach to building design and construction eliminates the stresses you may experience when managing multiple parties, complying with various regulation requirements and GMP standards, and working within a set budget and time frame. Our in-house design and construction management team will work with you throughout the entire building process from design to construction to commissioning and validating the facility, ensuring the spaces meet regulations and GMP standards. We specialize in Pharmaceutical manufacturing and logistics facilities to your users' requirement specifications for greenfield, additions, interior fit-ups, and retrofitting.

Cryopak
a TCP Company
Cryopak
Website: www.cryopak.com

Cryopak (a TCP Reliable Company), specializes in the field of temperature controlled packaging and services including package design, qualification, testing manufacturing insulated shippers, refrigerants, phase change materials and temperature monitors. All services are provided in strict conformance with ISO 9001:2000, ISTA and ASTM test methodology, and FDA good manufacturing practices. TCP maintains facilities in Quebec, British Columbia, New Jersey and France.

DuPont
Website: www.aircargocovers.dupont.com

DuPont™ Tyvek® Air Cargo Covers offer better control of temperature and moisture in shipments than traditional blankets and plastic wraps, which makes them ideal for shippers of perishables such as pharmaceutical, fruit, vegetable and floral products. They help reduce spoilage by limiting exposure to environmental elements, lowering exposure to sudden ambient temperature changes, both heat and freezing temperatures, and to environmental elements. Tyvek® Air Cargo covers provide ideal protection for temperature sensitive shipments because they are breathable, compact, lightweight and easy to apply and remove. Visit www.aircargocovers.dupont.com for more information.

ELPRO Services, Inc.
Website: www.elpro.com

ELPRO, founded in 1986, is a leading Swiss manufacturer of innovative monitoring solutions and data loggers for documenting environmental conditions in the pharmaceutical industry.

As a leader in the industry we are a 'full service' organization offering state-of-the-art data loggers, a centralized database and data analytics; and a team of validation engineers to support the integration of a high-quality temperature monitoring system into your business processes. ELPRO's revolutionary LIBERO PDF Logger doesn't require any hardware or software to install or validate; simplifying your end-to-end cold chain data handling. ELPRO is consistently dedicated to quality, which resonates throughout all facets of our operation - service, technology and customer support. We support pharmaceutical and healthcare companies around the world in simplifying their cold chain while having less manual work thus reaching quicker product release times. ELPRO's US subsidiary has been established in Marietta, OH since 2003 with a full turnkey support and technical staff.



FedEx HealthCare Solutions
Website: www.fedex.com/us/healthcare

FedEx HealthCare Solutions is committed to offering specialty services to the healthcare industry. In addition to core shipping services, FedEx also offers customized solutions including temperature-controlled ground and air transport, a high degree of visibility and compliance with 24-hour monitoring, and end-to-end solutions to handle storage, fulfillment and distribution of inventory. Features such as the new Boeing 777F aircraft being deployed between the U.S. and Asia also benefit healthcare customers who need shorter transit times and later pickups. A dedicated healthcare support team works hand-in-hand with companies to engineer ideal solutions to help healthcare customers stay competitive.



Infitrak
Website: www.infitrak.com

For 15 years Infitrak has been a unique one-stop resource for developing and executing plans to meet Good Distribution Practices (GDPs) and cold chain management requirements. Using current regulations and guidance, the company evaluates current methods where risk may be present, identifies deficiencies, and proposes remediation. It is an integrated approach that provides cost-effective enhancements to customer quality systems. As a pioneer in environmental monitoring platforms, packaging, and compliance consulting, the company has successfully delivered solutions to a loyal customer base that includes pharmaceutical manufacturers, wholesalers, laboratories, logistics and storage companies, hospitals, food manufacturers and data centers. Learn more about Infitrak and their services at www.infitrak.com.



Marken
Website: www.marken.com

Marken is the only patient-centric supply chain organization 100% dedicated to the pharmaceutical and life sciences industries. Marken maintains the leading position for Direct to Patient services and biological sample shipments, and offers a state of the art GMP-compliant depot network and logistic hubs in 43 locations worldwide. Marken's 630 staff members manage 50,000 drug and biological shipments every month at all temperature ranges in more than 150 countries. Additional services such as biological kit production, ancillary material sourcing, storage and distribution, shipment lane verification and qualifications, as well as GDP, regulatory and compliance consultancy add to Marken's unique position in the pharma and logistics industry.



Onset
Website: www.onsetcomp.com/

Onset is a world leader in data logging and monitoring solutions for tracking the environment and helping ensure the safety of temperature-sensitive goods. The company has designed and manufactured its products at its headquarters on Cape Cod, Massachusetts for more than 30 years.



Pelican BioThermal
Website: www.pelicanbiothermal.com

Pelican BioThermal LLC offers the widest range of temperature-controlled, thermally-protected packaging and service solutions to the global life sciences industry. The company's products ensure that delicate biological materials arrive intact and effective, despite exterior environments. Pelican BioThermal is dedicated to developing innovative products designed to fulfil the complex needs of the global life sciences industry. The company's customers benefit from its extensive expertise in ensuring that temperature stability is maintained throughout the distribution chain. The company also offers a complete portfolio of services and software to support end-to-end temperature-controlled packaging asset management. In Europe, the company does business under the name Peli BioThermal Limited. For more information, visit www.pelicanbiothermal.com.



Robert
Website: www.robert.ca

Founded in 1946, Robert proudly upholds a tradition of excellence that has made it a leader in the North American asset based supply chain management sector. We owe our success to our 3,300 dedicated employees and our expertise in delivering state-of-the-art logistics, distribution and transportation solutions. Multiple times in its history Robert has chosen to take on new challenges. The keys remain constant, education, quality and dedication. As we evolve we will strive to continue to do what we have always done, create serious solutions for serious people.



Rogers Communication
Website: www.rogers.com

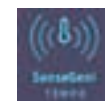
Rogers provides next-generation IoT connected solutions across Canadian and international industries and market segments. We've enabled over 1.5M network connections to the Internet of Things which represents over 60% of the Canadian IoT market. With award winning service teams, exclusivity in the M2M Global alliance and a global enablement platform with over 300+ IoT partners, Rogers offers the largest return on technology investments. Your supply chain is the life blood of your business. Rogers can help you connect your supply chain to achieve even greater operational efficiencies. Whether you're transporting or storing perishable foods or sensitive pharmaceuticals, Rogers IoT solutions empowers business with real time system visibility that provides operational intelligence with connected pallet-level sensors that keep you informed and compliant. We'll save you time and lower costs that will allow you to focus more on your business and capturing new opportunities.



Rogue Transportation
Website: www.roguedelivers.com

For over 25 years Rogue Transportation has been offering transportation and logistics services to healthcare customers across Canada. We ensure full compliance with Health Canada Guidelines (GUI-0069) for transportation and storage of temperature sensitive products

which includes but are not limited to prescription drugs, OTC, medical devices and natural health products. Rogue's facility located at 255 Courtney Park Dr. W Mississauga holds Drug Establishment License # 102272-A obtained by Health Canada GMP unit. Our main facility and fleet of late model vehicles meet safety and GMP requirements. Our transportation services offer Ambient 15-25°C, Cold Chain 2-8°C, qualified packaging systems and Heated Service. Our services range from Courier, Less than Truckload, Truckload, Rail, Container and Next flight out, so whether you need it there in an hour, same day or next day, you should call Rogue.



SenseGeni
Website: www.sensegeni.com

SenseGeni's innovative cold chain wireless sensing solutions enable biotech companies to ensure the quality and integrity of their products across complex supply chains and eliminate products waste, tampering and thefts.

Our wireless sensing and secure identification tags offer affordable cloud-based tracking, monitoring and protection of individual products from manufacturing to consumption, all through the convenience of smartphones.



Sensitech
Website: www.sensitech.com

Sensitech Inc. is a leading provider of supply and cold chain visibility solutions that enable our customers - global leaders in the food, life sciences, and industrial markets - to track, monitor and protect the quality and integrity of their temperature-sensitive products across complex supply chains. Through its logistics security division, FreightWatch International, Sensitech also offers origin-to-destination services that provide customers with real-time cargo transparency, helping them to mitigate such risks as theft, diversion, counterfeiting, and chain of custody. Sensitech Inc. is an ISO 9001:2008 company based in Beverly, Mass., with more than 30 sales, service and distribution locations around the world. Sensitech is a part of UTC Climate, Controls & Security, a unit of United Technologies Corp., a leading provider to the aerospace and building systems industries worldwide. Visit www.sensitech.com for additional information.



Skelton Truck Lines
Website: www.skeltontruck.com

Skelton Truck Lines is a critical care carrier of shipments from 1 box up to a Truckload. Founded in 1962, we offer customers a qualified, validated, and calibrated, specialized distribution network throughout Canada and the United States.

Skelton Truck Lines transports products within the temperature ranges of 2°C - 8°C, 15°C - 25°C, and < - 20°C. We ship a variety of temperature sensitive products including pharmaceuticals and plasma using insulated trailers with single and double reefers. Shipments are monitored closely using calibrated electronic temperature data recorders. The temperature recorder is directly linked to an in-cab alarm system, which notifies the Operator of any problems or sudden temperature changes.

Our investment in assets, people and training have provided our customers with a Tried, Tested and Proven solution that meets and exceeds Health Canada 0069 regulations.



Testo, Inc.
Website: www.testo.com

Testo, Inc. is a world leader in the design, development and manufacturing of portable test and measurement instrumentation.

Backed by over 50 years of innovation, our mission is to provide the best quality, service and value in the industry. Specifically for the Pharma and Biotech markets, Testo has an extensive line of product and environmental monitoring solutions. From simple-to-use data loggers, to multi-function reference loggers, to the multi-point, facility-wide Saveris Monitoring System, Testo has you covered with a number of fully CFR compliant solutions. For more information, visit us at www.testo.com.



Triple Eight
Website: www.triple8.ca

"WE PROVIDE IT ALL" - We provide top customer service for high risk,

temperature controlled shipments, throughout Canada and the United States and we have made a success of it! Triple Eight Transport is a Canadian "asset based" trucking company, that services all of Canada and the United States. We specialize in high risk, temperature controlled freight. Because of this, we make sure we have the best monitoring technology to ensure our customer's product is kept and transported, exactly as the client requires. We do this by using satellite tracking and up to the minute temperature recoding. Triple Eight is always growing. We started thirteen years ago with five trucks servicing BC - AB and BC - CA. Now, we have grown to have over ninety trucks and over one hundred trailers. We specialize in not just over the road cargo, but we have recently added our NEW Intermodal and Expedited LTL division. Give us a call, we'd love to work for you!



TSS
www.tss.se

TSS is a leading provider of temperature monitoring solutions with more than 20 years of experience within the life science industry. Thanks to close customer interaction and an outstanding technological know-how, TSS is able to continuously introduce pioneering solutions for end-to-end supply chain visibility, facilitating the daily operations for global pharma companies around the world.

TSS' cloud temperature monitoring system, CCIS, is developed in close collaboration with leading

pharmaceutical companies. CCIS is a lean and integrated solution that provides flexibility, simplicity, reliability, and above all, full visibility, throughout the whole organization. By focusing on information, TSS enables decision makers all over the world to gain insight into the modern supply chain in order to develop an all-encompassing corporate strategy for fast and intelligent temperature monitoring. This in turn results in greater efficiency and reduced costs, while allowing for compliance with regulatory requirements.



ThermoSafe Brands
Website: www.thermosafe.com

ThermoSafe, a Sonoco Protective Solutions™ brand, is the leading global provider of temperature assurance packaging for the safe and efficient transport of pharmaceuticals, biologics, vaccines and other temperature sensitive products. Our shipping solutions mitigate risk for our customers and ensure product efficacy throughout the extremes of a supply chain. ThermoSafe has operations in North America, Europe, Asia and South America to assure close proximity to our customers. Our vast product offering features industry leading technology that encompasses refrigerated, frozen or controlled room temperature applications. In addition, ThermoSafe's ISC LabsÖ design and testing services deliver individualized and innovative packaging solutions along with qualification and validation services to meet all regulatory requirements.



UPS
Website: www.ups.com

UPS offers world-class, healthcare-optimized global cold-chain transportation, distribution and best-in-class information management.

Every day, we move healthcare materials efficiently and safely through our flexible, integrated multi-modal transportation network, and distribute products through our 42 temperature- and humidity-controlled environments facilities worldwide.

We also provide top-tier regulatory expertise and a broad portfolio of unique services including:

UPS Temperature True®, a door-to-door, temperature-sensitive freight service

UPS Proactive Response®, which provides 24/7 monitoring of shipments from global "Control Towers," allowing intervention and remediation of packages at risk of temperature excursion.

The PharmaPort™ 360 air freight container, is the world's most advanced active shipping container for high-value, temperature-sensitive pharmaceuticals, vaccines and biologics.

At UPS we live by the motto: "It's a patient, not a package®." Our aim is to ensure that your product reaches the right patient, at the right time and in the right condition for the best possible patient outcome.



va-Q-tec
Website: www.va-q-tec.com

va-Q-tec AG develops and produces vacuum insulation panels (VIPs) and phase change materials (PCM) high performance thermal packaging products and other applications. In most cases these packaging solutions comprise both, VIPs and PCM. This leads to the most reliable and temperature stable system solutions used to transport valuable and temperature sensitive products for up to 6 days and even longer. va-Q-tec's all season solutions do not allow any temperature excursions even at the most challenging ambient conditions. The va-Q-tec solutions range from one-way shippers to air freight containers. va-Q-tec offers these quantities from the standard portfolio to large quantity custom tailored series production. The applications range from pharma and biotech products to food and fine arts. The va-Q-tec headquarters in Würzburg / Germany (ca. 100 km from Frankfurt) with its more than 4 500 m2 high tech production area offers excellent facilities for testing and official validation run by our experts in thermal physics. va-Q-tec has won several national and international awards for the advanced technology of saving and storing energy efficiently.



World Courier
Website: www.worldcourier.com

When it comes to specialty logistics, consistency in operations and processes is critical. World Courier ensures a consistent customer experience around the globe with local, in-market resources that make up a network nearly 10 times the size of other specialty couriers. With 13 strategically located storage depots, more than 2,000 associates in local markets and 140+ company-owned offices in more than 50 countries, you'll be able to take comfort in our ability to conduct business in local languages and time zones while enhancing your distribution strategy with global SOPs. World Courier ensures optimal product handling and timely delivery of high-value products with highly-qualified personnel, global best practices and SOPs, GxP-compliant transport and storage, plus in-transit temperature management and advanced tracking and inventory technology.



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Site Tour	\$599
1 Workshop	\$549

VENDOR PACKAGES	REGISTER BY 2/5/16 AND SAVE!	STANDARD & ONSITE PRICING
Main Conference	\$2,895	\$2,995
All Access: Main Conference + Workshops (4)	\$4,095	\$4,295

VENDOR A-LA-CARTE	STANDARD & ONSITE PRICING
Training Day	\$999
Site Tour	\$799
1 Workshop	\$549

Please note multiple discounts cannot be combined. A \$99 processing charge will be assessed to all registrations not accompanied by credit card payment at the time of registration.

MAKE CHECKS PAYABLE IN CANADIAN DOLLARS TO: IQPC

Prices are in Canadian dollars and are subject to a 13% HST. CT residents or people employed in the state of CT must add 6% sales tax.

Team Discounts: For information on team discounts, please contact IQPC Customer Service at 1-800-882-8684 or email enquiry@iqpc.com. Only one discount may be applied per registrant.

Details for making payment via EFT or wire transfer:

JPMorgan Chase - Penton Learning Systems LLC dba IQPC: 937332641
ABA/Routing #: 021000021
Reference: 11165.010

Payment Policy: Payment is due in full at the time of registration and includes lunches and refreshment. Your registration will not be confirmed until payment is received and may be subject to cancellation.

For IQPC's Cancellation, Postponement and Substitution Policy, please visit www.iqpc.com/cancellation

Special Dietary Needs: If you have a dietary restriction, please contact Customer Service at 1-800-882-8684 to discuss your specific needs.

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Venue & Accommodation
We're headed back to Toronto!



Hyatt Regency Toronto
370 King Street West,
Toronto, ON M5V 1J9
torontoregency.hyatt.com/en/hotel/home
Phone: +1 416-343-1234

Group Rate: **\$199** plus 13% HST and 3% DMF

Please identify you are part of the IQPC- Cold Chain Canada group to ensure the special rate. Note that you are eligible for this rate three days prior and three days post the event based on availability. Please make your reservation before February 6, 2016 in order to ensure you are eligible for the group rate.

Reservations Phone: 1-888-421-1442

Bring Your Team to Toronto!

- Groups of 2: 10% OFF early bird rate**
- Group of 3-4: 15% OFF early bird rate**
- Group of 5: 20% OFF early bird rate**
- Group of 6-9: 30% OFF standard rate**